

# *Konawaena High School*

*2019-2020 COURSE GUIDE*



**Konawaena High School**  
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For more information, visit Konawaena High School's website at  
<http://www.konawaenahs.org>

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### **General Information**

The Department of Education in the State of Hawai'i is a one district school system. All public schools in Hawai'i are under the jurisdiction of the Department of Education and the Hawai'i State Board of Education. This is in sharp contrast to most mainland school systems in which each school district is separately governed by individual boards of education. In Hawai'i's one school district system, all students are afforded equal educational opportunities and requirements in our public school system.

#### **Accreditation**

Konawaena High School is a four-year public high school fully accredited by the Western Association of Schools and Colleges.

### **Enrollment Requirements**

#### **Student Residence**

Students enrolled in Konawaena High School must reside within the designated boundaries as set by the Hawai'i State Department of Education. The boundaries are from Kailua Kona to Honomalino. The parents or legal guardians of students must establish permanent residency within these boundaries. Students who are in the process of moving to the Konawaena district will not be allowed to register without: 1) proof of home purchase (with gas, water, or electric bill); or 2) rental or lease agreement with gas, water, or electric bill (unless utilities are included within agreement).

#### **Geographic Exception**

Students living out of the Konawaena district and who wish to attend Konawaena High School must complete a Geographic Exception Request (Form CHP 13-1). If student is a current Hawaii DOE public school student, Parent/Guardian completes Section 1 then submits the form to the student's current school. If student is entering from a private, mainland, or foreign school, submit the form to the "home" school for the school year to which this form applies. The G.E. form can be obtained from either the "home" school or Konawaena High School (the receiving school). Once approval is granted by the administration of Konawaena, the student may then enroll at Konawaena High School. The Department of Education will assist in the determination of the "home" school based on current residence.

#### **Health Requirements**

According to the Hawai'i School Attendance Law students entering the Hawai'i school system for the first time will be required to present a tuberculin (TB) certification which: a) was administered in the United States within one year of entry, and b) does not reflect a negative reading.

A physical examination including required immunizations must be met within 90 days of enrollment or the student will be denied attendance. Refer to the Department of Health leaflet (available at the Registrar's office) for further information.

**The following documents must be presented upon enrollment:**

1. Release forms from previous school;
2. Student transcript from previous school;
3. Student health records;
4. Proof of residency (gas, water, electric bill);
5. G.E. approval (if applicable);
6. Legal guardianship (if applicable);
7. Power of attorney (if applicable).

### **Program Planning**

1. All students have an equal opportunity to enroll in courses regardless of race, color, religion, sex, handicap, or national origin. All classes are co-educational.
2. Plan your program carefully:
  - a. Take time and read the course descriptions for classes you plan to enroll in. Make your decisions carefully and wisely.
3. When thinking about course selections, keep in mind:
  - a. the requirements for graduation (see Graduation Requirements);
  - b. your educational, and occupational goals (see your grade level or college counselor for assistance);
  - c. the pre-requisites for specific courses;
4. If an insufficient number of students sign up for a course, it may be necessary to delete or cancel the course(s). The alternate course(s) chosen on the registration card will be substituted for the cancelled course(s).

## Graduation Requirements

Course Requirements	Hawaii High School Diploma Requirements
<b>English</b>	4.0 credits including: <ul style="list-style-type: none"> <li>• English Language Arts 9 (1 credit)</li> <li>• English Language Arts 10 (1 credit)</li> <li>• Required English Elective (2 credits)</li> </ul>
<b>Social Studies</b>	4.0 credits including: <ul style="list-style-type: none"> <li>• World History (1 credit)</li> <li>• US History (1 credit)</li> <li>• Modern History of Hawaii (0.5 credit)</li> <li>• Participation in a Democracy (0.5 credit)</li> <li>• Social Studies Elective (1 credit)</li> </ul>
<b>Mathematics</b>	3.0 credits including: <ul style="list-style-type: none"> <li>• Algebra 1 (1.0 credit)</li> <li>• Geometry (1.0 credit)</li> <li>• Math Elective (1.0 credit)</li> </ul>
<b>Science</b>	3.0 credits including: <ul style="list-style-type: none"> <li>• Biology 1 (1.0 credit)</li> <li>• Laboratory science (2.0 credits)</li> </ul>
<b>World Language</b> OR <b>Fine Arts</b> OR <b>Career and Technical Education</b>	2.0 credits in one of the specified programs of study: world language, fine arts, OR career and technical education  ** Credit must be taken in sequence with consecutive course numbers in the study of one language
<b>Physical Education</b>	1.0 credit
<b>Health</b>	0.5 credit
<b>Personal Transition Plan</b>	0.5 credit
<b>Electives</b>	6.0 credits
<b>Total</b>	<b>24.0 credits</b>

## Honors Recognition Certificate Requirements

In addition to meeting the requirements for the Hawaii High School Diploma, the following must be met:

Academic Honors	CTE Honors	STEM Honors
<p>Cumulative GPA of 3.0 or above Two credits minimum must be from AP/IB/Running Start courses (equivalent to 2 college credit courses).</p> <p><u>4 credits of Math including:</u></p> <ul style="list-style-type: none"> <li>● Algebra 1 (1.0 credit)</li> <li>● Geometry (1.0 credit)</li> <li>● Algebra 2 (1.0 credit)</li> <li>● Combination of 2 half credit courses (Algebra 3, Trigonometry, Analytic Geometry, Pre-Calculus)</li> <li>● AP Calculus (1.0 credit)</li> <li>● IB math courses</li> </ul> <p><u>4 credits of Science including:</u></p> <ul style="list-style-type: none"> <li>● Biology 1; IB Biology; or AP Biology (1.0 credit)</li> <li>● 3 lab-based science credits</li> </ul>	<p>Cumulative GPA of 3.0 or above Completes program of study (2-3 courses in sequence plus a state- identified specific academic course requirement) with a B or better in each required course.</p> <p>Scores at least 70% on the course assessment.</p> <p>Meets or exceeds proficiency on the Statewide Performance-Based Assessment.</p>	<p>Cumulative GPA of 3.0 or above A STEM Capstone/STEM Senior Project</p> <p><u>4 credits of Math including:</u></p> <ul style="list-style-type: none"> <li>● Algebra 1 (1.0 credit)</li> <li>● Geometry (1.0 credit)</li> <li>● Algebra 2 (1.0 credit);</li> <li>● Combination of 2 half credit courses (Algebra 3, Trigonometry, Analytic Geometry, Pre-Calculus)</li> <li>● AP Calculus (1.0 credit); or</li> <li>● IB math courses</li> </ul> <p><u>4 credits of Science including:</u></p> <ul style="list-style-type: none"> <li>● Biology 1; IB Biology; or AP Biology (1.0 credit);</li> <li>● 3 lab-based science credits</li> </ul>

## Recognition Diploma with Honors

To receive a **Recognition Diploma with Honors**, student must:

1. meet the State of Hawai'i Graduation Requirements of 24 required credits;
2. complete the Honors Recognition Certificate requirements;
3. meet standard on Algebra II End of Course Exam;
4. earn a minimum of 3.000 cumulative GPA, rounded to the nearest thousandths (3.000) for all credited courses taken up to and including the third term of the final year; (all session grades earned for the first session of the final year, and all grades earned for the third term of the final year are used).

- Cum Laude* = GPA of 3.000 to 3.500
- Magna Cum Laude* = GPA of 3.500+ to 3.800
- Summa Cum Laude* = GPA of 3.800+ and above

5. For transfer students:

- a. grades from the previous school(s) are calculated if the former school(s) uses a comparable grading system;
- b. credits are transferable only when the previous school(s) system is comparable to that of the Hawai'i public schools.

## **Konawaena High School Valedictorians & Honor Graduates**

**Konawaena High School Honor Graduates and Class Valedictorians must complete all Honors Recognition Diploma requirements, and be enrolled in a minimum of six (6) Konawaena High School credited courses in their senior year.**

Students who meet the Honors Recognition Diploma requirements **and** earn a cumulative GPA (grade point average) of 4.000 or above will be named **Class Valedictorian(s)**.

Students who meet the Honors Recognition Diploma requirements **and** earn a cumulative GPA of 3.500+ (example: 3.5001 or higher) will be named **Konawaena Honor Graduates**.

Note: A weighted point system for Advanced Placement (AP) and college courses will be used in determining the MPA or GPA.

For DOE Graduation Requirement information, please see your counselor or visit <http://graduation.k12.hi.us>.

## Course Change Policy

Students, faculty, and parents/guardians must think through the real reasoning behind a request for change. Numerous changes have an adverse effect on the student's overall academic program.

### Reasons for Changes:

Schedule changes may be made for the following reason (this list is not comprehensive):

- Student needs a graduation requirement and does not have it scheduled
- It is a level change, meaning that a student either needs to be in a higher level class or lower level class based on a academic capabilities. Course Change request form will be used.
- Duplicate class
- Credit was received from another institution/program
- Schedule is missing a period
- Student did not obtain the required teacher approval

The following are NOT reasons for a schedule change (this list is not exhaustive):

- Request to change teachers or specific periods to be with friends
- Student doesn't want to walk up the hill
- Student does not like the teacher or a student in class
- Student is failing the course

### Procedure to change a schedule:

- Students with the last name A-K are to work with School Counselor. Mrs. White
- Students with the last name L-Z are to work with school counselor, Ms. Reiner
- All IEP students must make schedule changes for core classes (Math, English, Social Studies, Science) with the Student Service Coordinator, Ms. Kobayashi
- PLATO classes are scheduled through your counselor who will coordinate with PLATO Coordinator, Mr. Okumura
- ELL students are scheduled through your counselor in collaboration with ELL Coordinator, Miss Martinez
- AVID student's classes are scheduled through your counselor in collaboration with AVID Coordinator, Mrs. Hayashida

### During first weeks of school:

- Check with counselor or program coordinator for appropriate schedule changes
- Most changes can be made to schedule without add/drop from, however, AP and Honors courses must use the Course Change Request form at all times
- Changes can be made during the period students want to change, unassigned period, and/or recess/lunch

### After first two weeks of school:

- Check with counselor or program coordinator for appropriate schedule changes
- Obtain add/drop form from School Counselor
- Add/Drop form must be completed and signatures must be obtained by student, parent, add/drop teachers, counselor, and administration
- After all signatures are obtained, form must be returned to School Counselor
- Student must attend classes in original schedule until all changes have been made in Infinite Campus

### Seniors:

- Seniors must be enrolled in a maximum of five classes. If a senior only has five classes, student must

enroll in two “Exception to School Day” periods, two TA periods, or one “Exception to School Day” and one TA period. There are no free periods.

**TA (Teacher Assistant) Policy (Seniors only):**

- See School Counselor for TA Form
  - Signature required by student, teachers, parent/guardian, and administration
  - Return from to counselor
- \*Students not attending TA class will be assigned to another class

**Exception to School Day Policy (Seniors Only):**

- See School Counselor for Form
  - Signature required by student, parent/guardian, and administration
  - Return from to counselor so counselor can make change in schedule
  - Bring form to Ruth in Vice Principal’s office so she can give an Off Campus pass
  - Student must attend original schedule until all changes have been made in Infinite Campus
- \*Administration has the right to retract exception and require student to return back to school

**Advanced Placement (AP) and Honors (H) Courses:**

- Students who take AP course must complete the AP Commitment form and return to school counselor. If form is not on file, student will not be able to take the course
- Student who wants to add or drop an AP or Honors course must use the Course Change Request from

**Things to Remember:**

- Teacher initiated schedule changes due to behavior, insubordination, safety, conflict must have administration approval
- Teacher Administration or Student Focused Team requested changes in a student’s placement based on academic performance may occur throughout the school year, Student, parents/guardians, and teacher must be notified why this change is occurring by the person initiating the change.

## **Advanced Placement (AP) Programs**

The Advanced Placement (AP) Program provides college level courses to capable students in various subject areas. The College Entrance Examination Board provides course descriptions for the program and prepares examinations based on these descriptions. Students are expected to take the exam and those who pass the examinations may be granted college credits by the colleges. For specific course descriptions and prerequisites, look for these courses in their respective departments in this course guide. College Board has certified all teachers teaching these AP courses in their respective discipline.

The following courses are offered as AP courses:

Art:	Studio Art: AP Drawing Studio Art: AP 2D Design
Mathematics:	AP Calculus AB AP Statistics AP Computer Science Principles
Science:	AP Biology AP Physics 1-Algebra Based AP Environmental Science AP Chemistry
Social Studies:	AP US History AP US Government & Politics
World Languages:	AP Japanese

## **Advisory/Personal Transition Plan**

Each Konawaena student will be assigned an Advisory period. Advisors meet with their students once a week to work on Wednesday for 30 minutes. They work on guidelines that lead towards meeting required coursework of the Personal Transition Plan for graduation.

## **Personal Transition Plan**

This semester credit is awarded during a student's senior year and is required for graduation. The credit achievement is based on work that is completed during the advisory period grades 9-12. It provides students with knowledge and skills in learning about themselves, exploring life goals, careers and occupations, relating school subjects to future career needs, and making tentative long and short-range educational and/or career plans. Credit will not be awarded until such time that the student, in Grades 9-12, provides completed documentation that he/she has met the Hawaii Content and Performance Standards in Career and Technical Education standards for Career Planning.

## **Advancement via Individual Determination**

The AVID program is a college preparatory elective course that targets students 'in the middle academically. The curriculum is derived from a nationally recognized program, Advancement Via Individual Determination (AVID), with emphasis on analytical writing, preparation for college entrance and placement exams, study skills and test taking, note taking and research. Enrollment into AVID follows a thorough screening and selection process by the Konawaena HS AVID Site Team. See current AVID teacher or AVID Coordinator for

more information.

**Course Title: AVID Grade 9**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Recommendation**

**Course Description:** This course is for elective credit, generally for 9th graders. The course is designed to assist students with college and career exploration through college preparatory course work with emphasis on analytical writing, study and test taking skills, note taking and research. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).

**Course Title: AVID Grade 10**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Recommendation**

**Course Description:** This course is for elective credit, generally for 10th graders. The course is designed to follow the 9th grade course. Students refine and adjust their academic and learning goal, expand their writing portfolio, begin to narrow college and career choices based on personal interests and goals. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID)

**Course Title: AVID Grade 11**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Recommendation**

**Course Description:** This course is for elective credit, generally for 11th graders. The course is designed to follow the 10th grade course. This course is the first part of a junior/senior seminar that focuses on writing and critical thinking expected of a first year college student. Students begin to confirm postsecondary plans and participate in college-bound activities. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).

**Course Title: AVID Grade 12**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Recommendation**

**Course Description:** This course is for elective credit, generally for 12th graders. The course is designed to follow the 11th grade course. This course is the second part of a junior/senior seminar that focuses on writing and critical thinking. Students complete a final research essay project and develop and present a portfolio representing their years of work in high school. Students also apply to colleges of their choice and submit personal essays. It is modeled after a nationally recognized program, Advancement Via Individual Determination (AVID).

**Course Title: Leadership: AVID Mentor/Tutor**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: AVID Coordinator Approval**

**Course Description:** This is a multidisciplinary course designed to help students develop communication, group process, and facilitative leadership skills. Student leaders develop and apply techniques of leading, planning, organizing, conducting, and evaluating, including problem solving and critical thinking. Activities include participating in setting individual and group goals, recognizing and producing quality products and performance, cooperative planning and learning, sharing responsibilities, taking positive action, and working with people from diverse backgrounds. This course may be repeated for elective credit.

## **Junior Reserve Officers Training Corp (JROTC)**

**MISSION:** The mission of JROTC is to motivate young people to be better citizens. This purpose is accomplished by helping prepare high school students for responsible leadership roles, be it civic or military. The program is designed to make students aware of the Constitutional rights, responsibilities and privileges as American citizens. JROTC is an Army sponsored course taught in high schools throughout the nation. Konawaena's JROTC program has been in existence for several years, and provides rewarding opportunities, which benefit the Cadet, community and the nation.

**SCOPE:** JROTC is a cooperative effort on the part of the Army and the host institution to provide secondary students the opportunity for total development. Management of the curriculum is the prerogative of school officials and faculty. The flexibility of the Program allows it to bear the scrutiny of professional educators and meet the certain needs of the community.

US Army uniforms are loaned to the cadets free of charge and are normally worn once per week at school. Cadets are given the opportunity to participate (optional) in numerous events during the year such as parades, competitions, camping and civic functions. In addition to normal instruction there are 5 special teams that a cadet may join. These teams are: rifle, color guard, adventure, honor guard and drill team.

Although the intent of the JROTC program is not to put students into the military service after graduation, satisfactory completion of the course can enable cadets to become eligible for opportunities such as: advanced enlisted rank in the US Armed Forces, advanced placement in a college level ROTC program, recommendation for appointment to one of the five US military academies, full or partial scholarships from a variety of military and civilian organizations.

### **Course Title: Army JROTC 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: None**

**Course Description:** This level provides first year cadets with an introduction to JROTC. Subject areas include American citizenship, self-development, substance abuse prevention, physical fitness, drill and ceremony, leadership theory, map reading, communication, basic first aid, marksmanship and weapon safety. There is no cost associated with normal classroom instruction.

### **Course Title: Army JROTC 2**

**Length of Course/Credits: 1 year/1 credit**

**Course Description: Army JROTC 1**

**Expectations:** This intermediate level of leadership development builds on LET 1 instruction with continued emphasis on self-discipline and elements of leadership. Additional subjects such as military history, effective writing and oral communications are introduced. Cadets are given opportunities for practical application of leadership concepts. Again, there is no cost involved with normal classroom instruction.

### **Course Title: Army JROTC 3**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Army JROTC 2**

**Course Description::** This applied level of leadership development elaborates on leadership techniques, team-building and the problem-solving process. The role of the US Army in American society, technology awareness and career opportunities are also studied. A review and field application of map reading/land navigation and techniques of communications are integrated throughout the course.

**Course Title: Army JROTC 4**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Army JROTC 3**

**Course Description:** This advanced phase is for leadership-oriented cadets who will actually be conducting classroom and field instruction of fellow cadets in selected subjects learned in the previous three years. The study and implementation of Command and Staff Procedures are structured into this level for cadets filling advanced leadership positions. These experiences in leadership responsibilities will help prepare cadets for post-high school civilian or military career opportunities. This course is strongly recommended for students seriously considering Senior (college) ROTC or military service upon graduation.

### **Career Development, Guidance, and General Courses**

**Course Title: Transitions to High School**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** This course is designed to assist 9th grade students' transition into the high school setting. It develops study habits, employability skills, self-image and basics skills of reading, writing, computer literacy and the general learner outcomes. The course guides students in the establishing of a student portfolio designed to highlight the student's accomplishments throughout their high school career. **This course is required for all 9<sup>th</sup> graders.**

### **Career & Technical Education (CTE) Programs of Study**

Students who have completed the 1<sup>st</sup> and 2<sup>nd</sup> course in sequence along with the required academic course are CTE Program of Study Completers

<b>First Course</b>	<b>Second Course</b>	<b>Third Course</b>	<b>Academic Course Required if going for CTE Honors certificate</b>
Arts & Communication Pathcore	Digital Media Technology or Graphic Design 1	Graphic Design 2	Expository Writing or Equivalent
Industrial & Engineering Technology Path Core (CISCO)	Engineering Tech 1 (Robotics)	Engineering Tech 2 (Robotics)	Geometry or Equivalent
Building & Construction 1	Building & Construction 2		Geometry or Equivalent
Health Services Pathway Core	Clinical Health		Biology or Equivalent
Design Tech 1	Design Tech 2		Geometry or Equivalent

Public & Human Services Path Core	Culinary I	Culinary II	Biology or Equivalent
Business Management Tech Core	Entrepreneurship		Economics
Natural Resources Path Core	Natural Resources Production I  Animal Systems  Plant Systems	Natural Resources Production II  Fisheries	Biology or Equivalent

## **Career & Technical Education (CTE) Programs of Study**

### **Course Title: Arts & Communication Path Core**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This course is designed for students who plan to pursue careers in the Arts and Communication Career Pathway. Students will be introduced to basic concepts in Visual, Fashion, Performing, Written, and Media Arts. Using an interdisciplinary approach, the following concepts will be covered: 1) Aesthetics, 2) Creativity, 3) Culture, 4) Current Technology, 5) Customer Service, 6) Legal/Ethics, 7) Management, Impact of Media, and 8) Safety.

### **Course Title: Graphic Design Technology I**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Arts & Communication Path Core**

**Course Description:** This is an introductory course in the study of tools, materials, and processes of the graphic arts industries involving letterpress printing, Plano graphic printing, intaglio printing, thermography, silk-screening, photography, and bookbinding. Learning experiences include classroom demonstrations, laboratory experiments, in addition to designing, constructing, and evaluating various graphic arts projects and devices.

### **Course Title: Graphic Design Technology II**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Arts & Communication Path Core and Graphic Design tech I**

**Course Description:** This course provides advanced classroom and laboratory experiences in the major areas of graphic design and production. This course includes an in depth study of the elements and principles of design, layout, photography, legal and ethical issues, advertising, and production techniques. Emphasis is on the creation of refined and targeted designs that serve a defined purpose and audience.

### **Course Title: Digital Media Technology**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Arts/Communication Path Core or teacher approval**

**Course Description:** This course is designed to give students the skills necessary to support and enhance their learning about digital media technology. Topics will include researching on the internet, netiquette, copyright laws, web-publishing, use of digital imagery, and project planning. The students will have the opportunity to use their skills in advanced technology, leadership, and service in their schools and community.

**Course Title: Video Production****Length of Course/Credits: 1 semester/0.5 credit****Required Prerequisite: none**

**Course Description:** This course is designed to acquaint students with the tools, techniques and terminology of television/video production, both in the field and in the studio. Students will have hands on experience with various filming, recording, and editing techniques and processes. Students will participate in the planning and production of short programs featuring topics of interest to them. Students will use and compare nonlinear and other imaging editing software. This course is repeatable for elective credit.

**Course Title: Business, Management, & Technology Core****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none**

**Course Description:** This course is designed for students who plan to pursue careers in business, management, and technology and/or related occupations. Students will learn essential business concepts that will provide a solid foundation for further study in preparation for careers in business. Problem-based, real-world applications of business concepts will be emphasized. Students will utilize technology for a variety of business applications and business communication, demonstrate effective customer service, and use accounting concepts to formulate, analyze, and evaluate financial decisions in business.

**Course Title: Entrepreneurship****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none**

**Course Description:** Entrepreneurship is a course designed to introduce students to the process of establishing a small business. Concepts introduced will be applied and practiced. Community mentors in related fields will assist students as they implement their chosen enterprises. In this way, students will be able to explore the unique relationships between business and the culture and values found in Hawai'i today. Students will design, develop, and implement a business plan. They will manage all aspects of their own business and integrate technology-based business practices. Assessments and evaluations will be done in partnership with business and industry.

**Course Title: Building & Construction Technology I****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Grade 10-12 only**

**Course Description: HawCC Construction Academy Course.** Students will be required to purchase certain materials and supplies; cost will be dependent on the project size and type of material used. This course features classroom and laboratory experiences that deal with building and construction technology. Learning activities include site selection, use of various leveling instruments, blueprint reading, use of building materials, foundation and floor framing, wall and ceiling framing, roof framing, and window, door, and interior wall finish. This course is repeatable.

**Course Title: Building and Construction Technology II****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Building & Construction tech. I, Grade 10-12 only**

**Course Description: HawCC Construction Academy Course.** Students will be required to purchase certain materials and supplies; cost will be dependent on the project size and type of material used. This course features classroom and laboratory experiences that deal with building and construction technology. Learning activities include site selection, use of various leveling instruments, blueprint reading, use of building materials, foundation and floor framing, wall and ceiling framing, roof framing, and window, door, and interior wall

finish. This course is repeatable.

**Course Title: Design Technology I**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 10-12 only**

**Course Description: HawCC Construction Academy Course.** Student may earn 3 credits in BLPR 22 or Basic Drafting at Hawai'i Community College. Student will be required to purchase or provide some of the basic supplies. This course is designed primarily for students in the construction trades. Topics include graphic representation, basic building construction, interpretation of working drawings and building specifications. Learning activities include: design, spatial visualization and techniques, sketching and use of instruments, shape and size description, multi-view projection, auxiliaries, rotation, pictorial drawings, and computer-aided drafting.

**Course Title: Design Technology II**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Design Tech I, Grade 10-12 only**

**Course Description: HawCC Construction Academy Course.** Student may earn 3 credits in BLPR 22 or Basic Drafting at Hawai'i Community College. Student will be required to purchase or provide some of the basic supplies. This course is designed primarily for students in the construction trades. Topics include graphic representation, basic building construction, interpretation of working drawings and building specifications. Learning activities include: design, spatial visualization and techniques, sketching and use of instruments, shape and size description, multi-view projection, auxiliaries, rotation, pictorial drawings, and computer-aided drafting.

**Course Title: Industrial & Engineering Technology Core (CISCO)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** The Industrial and Engineering Technology Core is a comprehensive action-based educational course that introduces students to the following technological systems: Design and Engineering Technology, Automotive Technologies, Manufacturing Technologies, Building and Construction Technologies and Electronics and Computer Systems. The curriculum is designed around exploration of these systems and their impacts on society. Students will also be developing problem solving and decision making skills to relate technology to materials science, forces and motion, energy and power transformation, the design process, and improving a career plan. Emphasis is placed on broad exploration in cooperative and individualized activities with skill development in workplace communication and safety.

**Course Title: Engineering Tech 1 (Robotics)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics. This course will challenge students to think creatively and to teach them to integrate diverse areas of knowledge such as Computer Science, Design, Electrical Engineering, Mechanical Engineering and Math to create innovative systems. This course provides students the opportunity to compete in state and national robotic competitions.

**Course Title: Engineering Tech 2 (Robotics)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Engineering Tech 1**

**Course Description:** The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics. This course will challenge students to think creatively and to teach them to integrate diverse areas of knowledge such as Computer Science, Design, Electrical Engineering, Mechanical Engineering and Math to create innovative systems. This course provides students the opportunity to compete in state and national robotic competitions.

**Course Title: Design technology II- Robotics**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Design Tech I-Robotics, teacher approval**

**Course Description:** The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics. This course will challenge students to think creatively and to teach them to integrate diverse areas of knowledge such as Computer Science, Design, Electrical Engineering, Mechanical Engineering and Math to create innovative systems. This course provides students the opportunity to compete in state and national robotic competitions.

**Course Title: Health Services Pathway Core**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This course is designed for students who plan to pursue careers in the healthcare industry. Using a multidisciplinary approach, students will gain essential knowledge, skills and attitudes in healthcare systems, legal and ethical principles, technology, safety practices (infection control, hazardous conditions, and body mechanics), communication, employment expectations and the interdependence of major body systems as they relate to health and wellness. Students will learn to apply cultural sensitivity, coping skills and effective communication in dealing with patients and personnel in the delivery of quality health care. This course is a recommended prerequisite for students pursuing a health services career pathway program of study.

**Course Title: Clinical Health**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Health Services Career Pathway Core**

**Course Description:** Clinical Health is designed for students interested in health services careers. Using the major body systems as the framework, students will learn about diseases, disorders, prevention and treatment and the roles of the various healthcare providers involved in diagnosis and/or treatment. This course will combine content knowledge (body systems, communication, safety practices, legal issues, ethical concerns, healthcare systems) and basic skills common to all healthcare professions with work-based learning experiences that will result in a career selection consistent with the student's aptitude, interest, abilities and academic achievement.

**Course Title: Natural Resource Path Core**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This course is designed for students who plan to pursue careers in the Natural Resources Career pathway. Students will be introduced to basic concepts in agriculture, earth sciences, environmental sciences, fisheries, and forestry. Using an interdisciplinary approach, the following concepts will be covered: 1) Scientific processes and systems, 2) Technology and Biotechnology, 3) Natural Resources Management, 4) Environmental Protection, and 5) Legal Responsibility and Ethics.

**Course Title: Natural Resource Production I (AG1)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Natural Resources Path Core**

**Course Description:** Natural Resource Production 1 is designed to provide skills and technical information in agriculture. Areas of study include cropping techniques, animal husbandry, agriculture equipment and machinery usage, soil and water management, and safety. Special consideration is given to appropriate technologies such as integrated pest management and sustainable agriculture practices. Classroom study is combined with outdoor laboratory activities, and the FFA (Future Farmers of America) program is an integral part of the course.

**Course Title: Natural Resource Production II (AG2)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Natural Resource Production I**

**Course Description:** This course focuses on ornamental horticulture with heavy emphasis on the maintenance and repair of agricultural machinery and equipment, agricultural construction, processing and distribution of agricultural products, and agricultural enterprise management. Environmental sensitivity and ecological consequences of agricultural activities are also emphasized and the learning environment may include industry-based sites as an extension of the classroom. Classroom study is combined with outdoor laboratory activities, and the FFA (Future Farmers of America) program is an integral part of the course.

**Course Title: Animal Systems**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Natural Resources Path Core**

**Course Description:** This course is designed to provide a comprehensive program providing students with basic knowledge and skills necessary in raising animals as they relate to Natural Resource careers. It emphasizes understanding of systems and conditions necessary for a variety of animals to survive and thrive. Major concepts of geography, environment, remediation, and management to provide optimal conditions for organisms should be covered with an awareness of current production in Natural Resource industries.

**Course Title: Plant Systems**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Natural Resources Path Core**

**Course Description:** This is a course designed to provide skills and technical information in horticulture. The main areas of study include plant identification, plant propagation, safety, and pest control. Special consideration is given to appropriate cultural technologies such as integrated pest management, sustainable agriculture practices, and native plant propagation practices. Classroom study is combined with outdoor activities as an integral part of the course.

**Course Title: Fisheries**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Natural Resources Path Core and Natural Resources Production 1, Animal Systems, or Plant Systems**

**Course Description:** This course is designed to provide an in-depth program focusing on technical skills, terminology and knowledge specific to Oceans and Fisheries resource management as it relates to Natural Resources careers. It emphasizes governance, control, maintenance, and best practices. Concepts of geographic location and features, assessment, interventions as they relate to sustainability, stewardship and preservation should be covered with the awareness of the various industries, social and economic activities related to marine and freshwater fisheries resources. Examples include mariculture or aquaculture, commercial and recreational fisheries.

**Course Title: Public Human Services Path Core**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** The Public & Human Services Career Pathway is a prerequisite for 9th & 10th graders who plan on taking the culinary course and for students interested in careers in the Public and Human Service Career Pathway. Students will learn essential human relations concepts that will provide a solid foundation for further study in preparation for careers dealing in public service. Included is in-depth instruction on the relationship of food and nutrition to the family; physiological and psychological aspects of food; the major concepts of the chemical and biological properties of nutrition and food preparation; sanitation and safety; consumer education; and awareness of employment opportunities; legal system and ethics in the food industry; and effective use of varied technologies to their occupation.

**Course Title: Culinary I**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Public Human Services Path Core**

**Course Description:** This course provides an introduction and orientation to a series of related occupations in the food industry and the qualifications of a successful food service worker. The knowledge, skills, work attitudes, and habits developed will enable students to understand basic principles of quantity food preparation, safety and sanitation, use and care of equipment, and food service organization. This course provides practical work experiences in the classroom and laboratory.

**Course Title: Culinary II**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Culinary I**

**Course Description:** This Level 2 course is designed to qualify an individual for entry-level positions in the food industry. Classroom and laboratory experiences provide an emphasis on quantity food preparation and service, sanitation, use and care of equipment, and food service organization. This course provides practical work experiences in the classroom and laboratory.

## **English Language Arts**

**Course Title: English Language Arts 9**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 9**

**Course Description:** Reading, writing, speaking and listening are experienced as interactive and interrelated processes. The study of literature includes a variety of traditional and contemporary literary works. The study of language involves both the description of language and its role in shaping thought.

**Course Title: English Language Arts 9 Honors**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Recommendation of Middle School Teacher**

**Course Description:** Reading, writing, speaking and listening are experienced as interactive and interrelated processes. The study of literature includes a variety of traditional and contemporary literary works. The study of language involves both the description of language and its role in shaping thought.

**Course Title: English Language Arts 10**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 10**

**Course Description:** This course emphasizes the study of language and literature. The study of literature includes a wide variety of works from around the world that contribute to an understanding of our common culture, and the culture of others, and that reflect the universal themes that unite all cultures. The study of language involves both the description of language and its role in communication and the construction of meaning.

**Course Title: English Language Arts 10 Honors**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher recommendation**

**Course Description:** This course emphasizes the study of language and literature. The study of literature includes a wide variety of works from around the world that contribute to an understanding of our common culture, and the culture of others, and that reflect the universal themes that unite all cultures. The study of language involves both the description of language and its role in communication and the construction of meaning.

**Course Title: English Language Arts 11**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 11**

**Course Description:** Students develop greater independence and efficiency in using the language process. Literature selections include significant American works of the past and present and the voices of writers, both traditional and new, that represent the diversity of society. As students reflect and understand their own language, they develop an understanding of what language is, how it works, and its power to influence and shape thinking and behavior.

**Course Title: English Language Arts 11 Honors**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher recommendation**

**Course Description:** Students develop greater independence and efficiency in using the language process. Literature selections include significant American works of the past and present and the voices of writers, both traditional and new, that represent the diversity of society. As students reflect and understand their own language, they develop an understanding of what language is, how it works, and its power to influence and shape thinking and behavior

**Course Title: English Language Arts 12**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 12**

**Course Description:** Students focus on expository prose in the form of descriptive, analytical and persuasive papers. They learn to discover and refine ideas, research information, compose and revise their thoughts, and edit their papers for sharing. They explore strategies to solve writing problems and learn to adjust their writing for diverse audiences. In addition, students engage in reading and discussion related to their writing. They develop the ability to look critically at their own work and the work of other writers.

**Course Title: AP English Composition & Literature**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: teacher approval; maybe substituted for English 11 or English 12 graduation requirements**

**Course Description:** The AP course is patterned after the course descriptions provided by the College Entrance

Examination Board. The course is designed to develop students' awareness of language, critical reading skills, and effective writing techniques. The emphasis is on the reading and analysis of literary works and the writing of critical essays. The end objective is that the student will take the AP Exam at the end of the senior year.

***Electives***—*The following courses may be taken in addition to a required grade level English course for elective credit.*

**Course Title: Argumentation and Debate**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite:none**

**Course Description:** Experience in this course help students develop their ability to analyze an issue and prepare and present sound arguments to support a position on the issue. Debate is a process that involves research followed by a critical examination and consideration of ideas. It is a tool that enables careful analysis of problems and issues and a diligent search for viable solutions. Students will develop skills of reasoning, analysis, and research. They will explore the nature of persuasion and prepare a case using a variety of strategies.

**Course Title: Argumentation and Debate Lab**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite:none**

**Course Description:** Experience in this course help students develop their ability to analyze an issue and prepare and present sound arguments to support a position on the issue. Debate is a process that involves research followed by a critical examination and consideration of ideas. It is a tool that enables careful analysis of problems and issues and a diligent search for viable solutions. Students will develop skills of reasoning, analysis, and research. They will explore the nature of persuasion and prepare a case using a variety of strategies.

**Course Title: Newswriting A**

**Length of Course/Credits: 1 semester/0.5 credits**

**Required Prerequisite:none**

**Course Description:** This course is for students who are interested in participating as a member of the school newspaper staff. It covers study of the various parts of the newspaper, its major functions, and the responsibilities involved in newspaper production.

**Course Title: Newswriting B**

**Length of Course/Credits: 1 semester/0.5 credits**

**Required Prerequisite:none**

**Course Description:** This course is for students who are interested in participating as a member of the school newspaper staff. It covers study of the various parts of the newspaper, its major functions, and the responsibilities involved in newspaper production.

**Course Title: Creative Writing**

**Length of Course/Credits: 1 semester/0.5 credits**

**Required Prerequisite: none**

**Course Description:** This introductory course is designed to enhance understanding of life through the study and performance of dramatic works. Emphasis is on developing students' ability to express themselves freely and establish personal criteria for critical evaluation of drama activities. Students will gain insight into a broad spectrum of theatre through study of various phases of play production.

**Course Title: Creative Writing Lab**

**Length of Course/Credits: 1 semester/0.5 credits**

**Required Prerequisite: none**

**Course Description:** This introductory course is designed to enhance understanding of life through the study and performance of dramatic works. Emphasis is on developing students' ability to express themselves freely and establish personal criteria for critical evaluation of drama activities. Students will gain insight into a broad spectrum of theatre through study of various phases of play production.

**Course Title: Journalistic Writing & Publishing**

**Length of Course/Credits: 1 year/1 credits**

**Required Prerequisite: 11th and 12th grade only**

**Course Description:** This course will have an environmental focus. Students develop writing in the context of producing a periodical such as a newspaper or literary magazine. They learn and practice the requirements of journalistic writing including research, composing, and editing. The course emphasizes the need to consider audience and purpose when putting together a periodical.

### **English Language Learners**

**Course Title: ESOL 1A**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Recommendation from ELL Coordinator**

**Course Description:** This course introduces the English language to the non-native English speaker. The emphasis of this beginning course is the development of listening skills necessary for the development of English oral proficiency which will improve the non-native English speaking student's basic interpersonal communication skills (BICS). Besides instruction to develop BICS, learning activities will also introduce and stimulate the student's cognitive academic language proficiency (CALP). The goals for this course are: (1) To teach students to identify and name, in English, things and concepts common to his/her environment; (2) To teach the different parts of speech and their correct usage through simple grammatical structures using age-appropriate examples; (3) To develop aural discrimination to allow recognition of meaningful differences in the English sound system; (4) To develop pronunciation that is clear enough to be understood by native English speakers; and (5) To distinguish sounds, rhythms, stress, and intonation of English and to demonstrate understanding through reactions and/or appropriate verbal responses. This course is repeatable.

**Course Title: ESOL 1B**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Recommendation from ELL coordinator**

**Course Description:** This course continues instruction to promote the student's oral proficiency in English, but also introduces fundamental concepts in the processes of reading and writing. Instruction in this course continues to emphasize the five goals in the first course, but at a higher level of difficulty. In addition to the five goals, two other goals that promote English language literacy development should also be accomplished in the later part of this course. The two additional goals are: (1) To teach a progression of reading skills that will enable the student to decode and comprehend the written word; and (2) To continue the development of the mechanics of manuscript and cursive handwriting and its association to the formation of words in the English language. This course is repeatable.

## Fine Arts Education

### **Course Title: Ceramics 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite:none**

**Course Description:** This course introduces students to clay as a medium for expressing their creative ideas in 3-dimensional form. Students are introduced to the 3 basic hand-building techniques through a variety of projects, while exploring various methods for applying surface treatments to their completed piece. Effective design through the application of the art elements and certain art principles are introduced. Students learn to use the potter's wheel during second semester. A \$10 lab fee is charged for the year to help pay the cost of extra glazes and supplies.

### **Course Title: Ceramics 2**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Ceramics 1**

**Course Description:** This second level course offers students the opportunity to further develop and refine their skills in designing a 3-dimensional piece, hand building, wheel thrown pieces and the application of surface treatments and glazes. Plaster mold-making is introduced as a way to mass produce ceramic tiles. A \$5 lab fee is charged for the entire year to help pay the cost of extra glazes and supplies.

### **Course Title: Drawing & Painting 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This introductory level course examines the use of a variety of materials while exploring techniques of drawing and painting. Students are encouraged to develop their own personal style, while applying the art elements and art principles to their artwork. Experimenting with a variety of materials, including hard lead pencils, soft lead pencils, charcoal, sepia, sanguine, pen & ink, watercolors, tempera, and acrylic paint will help students in their exploration of self-expression. Students are introduced to master artists, their styles, their use of art elements and their use of the art principles.

A \$10 lab fee is charged for the year to assist in supplying a variety of materials.

### **Course Title: Drawing & Painting 2**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval, Credit in Drawing & Painting 1**

**Course Description:** This second level builds upon the foundation of the first year's information, knowledge, and developed skills. Students continue to organize their compositions by applying the art principles. Examining 20th century art movements allows students to experience different philosophies behind the art and to experiment with new techniques.

A \$10 lab fee is charged for the year to assist in supplying a variety of materials.

### **Course Title: AP Drawing**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** This is an Advanced Placement course designed for the serious art student wishing to pursue a degree/career in the visual arts. Emphasis is on the development of technical excellence and breadth of experience in a wide variety of media and processes, and concentration on a particular problem or medium which is of interest to the student. The student will be required to produce a portfolio of works to be reviewed

by the College Board for possible college credits. Teachers are to follow the official College Board Advanced Placement course description.

**Course Title: AP 2D Design**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:**An advanced course designed for the serious art student planning to pursue a degree/career in the visual arts. Emphasis on the development of technical excellence, breadth of experience in a variety of media and process, and the concentration on a particular problem or medium that is of interest to the student will be focused on. Students are required to complete a portfolio of works to be reviewed by the College Board for (3) AP college credits. Teachers are to follow the official College Board Advanced Placement Course Description.

**Course Title: AP 3D Design**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** An advanced course designed for the serious art student planning to pursue a degree/career in the visual arts. Emphasis on the development of technical excellence, breadth of experience in a variety of media and process, and the concentration on a particular problem or medium that is of interest to the student will be focused on. Students are required to complete a portfolio of works to be reviewed by the College Board for (3) AP college credits. Teachers are to follow the official College Board Advanced Placement Course Description.

**Course Title: Arts & Crafts**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This course focuses on the exploration of the arts and craft media and processes. The student will experience a variety of activities and will learn some cultural history regarding different arts & craft techniques.

**Course Title: Advertising Art**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This is an introductory course for students interested in design and in developing skills necessary in the preparation of visual materials for reproduction or televising. Graphic and media products in the visual environment are analyzed and discussed. The use of computers and other forms of technology are encouraged

**Course Title: Hawaiian Dance 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This beginning course is designed to provide students with the opportunities to learn the historical, cultural, and expressive significance of the hula. The course will cover the basic steps and hand gestures, body stance, and positioning of hula 'auana and hula kahiko routines. Instruments will be introduced at appropriate levels.

**Course Title: Hawaiian Dance 2****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Hawaiian Dance 1**

**Course Description:** This is an intermediate course which provides further opportunity for students to strengthen and refine dancing skills. As students advance, dance routines become more complex, with emphasis on projection of story and choreography. Students will also be able to develop and use criteria for evaluating the artistic merits of their own and others' performances while keeping with conventions and traditions, as appropriate. Emphasis will also be placed on the cultural and historical contexts in which the hula has developed.

**Course Title: Hawaiian Dance 3****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Hawaiian Dance 2**

**Course Description:** This is an advanced course in performance to strengthen and refine dancing skills. As students advance, dance routines become more complex, with emphasis on projection of story and choreography. Students will also be able to develop and use criteria for evaluating the artistic merits of their own and others' performances while keeping with conventions and traditions, as appropriate. Emphasis will also be placed on the cultural and historical contexts in which the hula has developed.

**Course Title: Applied Music 1****Length of Course/Credits: 1 semester/0.5 credit****Required Prerequisite: none**

**Course Description:** The Applied Music 1 course is designed to help students acquire performance skills, musicianship qualities on an instrument, develop singing skills, or develop specialized skills in music. The instructor will develop curriculum with appropriate level of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

**Course Title: Applied Music 2****Length of Course/Credits: 1 semester/0.5 credit****Required Prerequisite: Applied Music 1**

**Course Description:** The Applied Music 2 course is a continuation of Applied Music 1 and is designed to help students develop specialized skills in music. The instructor will develop curriculum with appropriate level of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

**Course Title: Applied Music 3****Length of Course/Credits: 1 semester/0.5 credit****Required Prerequisite: Applied Music 2**

**Course Description:** The Applied Music 3 course is a continuation of Applied Music 1 and is designed to help students develop specialized skills in music. The instructor will develop curriculum with appropriate level of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

**Course Title: Applied Music 4****Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Applied Music 3**

**Course Description:** The Applied Music 4 course is a continuation of Applied Music 1 and is designed to help students develop specialized skills in music. The instructor will develop curriculum with appropriate level of difficulty in the music to address the unique needs of the students. In addition to the Fine Arts music standard and benchmarks, the instructor may select other national music standards appropriate for students and may integrate other Fine Arts standards.

**Course Title: Ukulele 1****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none**

**Course Description:** Ukulele 1 is an introductory course designed to provide students with the opportunity to develop skills in ukulele playing. Students will be involved with performing, listening to, and evaluating ukulele music. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards.

**Course Title: Ukulele 2****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Ukulele 1**

**Course Description:** This course is a continuation of the Ukulele 1 course or its equivalent. Students develop intermediate skills in ukulele playing, such as picking melodies and solo work. Students will be involved with performing, listening to, and evaluating ukulele music. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards

**Course Title: Ukulele 3****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Ukulele 2**

**Course Description:** This course is a continuation of the Ukulele 2 course or its equivalent. Students develop intermediate skills in ukulele playing, such as picking melodies and solo work. Students will be involved with performing, listening to, and evaluating ukulele music. The instructor may select additional national music standards appropriate for the course and may integrate other Fine Arts standards

**Course Title: Exploration in Drama****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none**

**Course Description:** This introductory course is designed to enhance understanding of life through the study and performance of dramatic works. Emphasis is on developing students' ability to express themselves freely and establish personal criteria for critical evaluation of drama activities. Students will gain insight into a broad spectrum of theatre through study of various phases of play production.

**Course Title: Theatre Craft****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none****Course Description:**

This is an introductory course covering the study of design and production of sets, costumes, props, and other accouterments of the performing arts. Students support and experience theatre productions.

**Course Title: Digital Photography 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This is an introductory course on photography. Basic techniques taught are composition, exposure, lighting, camera care and operation, film processing, contact printing, enlarging and print mounting either through traditional photographic techniques or through digital media. Darkroom safety procedures are introduced.

**Course Title: Digital Photography 2**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Digital Photography 1**

**Course Description:** This is an intermediate course covering advanced exposure techniques involving measured and controlled light and time, the use of filters, film development for specific requirements and basic color photography either through traditional photographic techniques or through digital media. Individual projects include experiences in print toning, action photos, architectural compositions, and photos for news coverage. Further darkroom techniques and procedures may be utilized.

### **Leadership**

**Course Title: Leadership Training**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** A course designed to study the concepts of group processes, cooperative planning, shared responsibilities, positive action and mutual understanding. Emphasis is on student participation and involvement with real school and student concerns as a means to understanding levels of organization, levels of authority, communication and management techniques. This course may be repeated for additional credit.

### **Early College**

**Course Title: English 100**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** ACT Score of 18 or Accuplacer reading score of 263 and above, writing score of 5 and above

**Course Description:** Instruction and practice in writing clear, effective university-level prose. Attention to all stages of the process—generating ideas, drafting, revising, and editing.

**Course Title: Introduction to Speech and Communication 151**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite: None**

**Course Description:** Principles, theories and practices in one-to-one, small group, and one-to-many communication situations through participation in structured activities.

**Course Title: Hospitality 101**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** Provides an overview of the travel industry and related major business components. Analysis of links between hotel, food, transportation, recreation, and other industries comprising tourism.

**Course Title: Human Service 110**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** Designed to provide students with an overview of the human services field, including history and perspectives on strategies of intervention and prevention. Emphasizes self-awareness, and examines the attitudes, knowledge, and skills necessary for a career in Human Services. Provides a diverse group of students with a basic understanding of cultural awareness through place based pedagogy. Guest speakers and visits to various agencies in the local community give students insight into the Human Service profession.

**Course Title: Hawaiian Studies 101 - Hawai'i Culture I: 'Aikapu**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** Examines the cultural traditions of Hawai'i that flourished before the abolition of the kapu system in 1819. Covers foundations of the early society in Hawai'i that evolved with the arrival of various Polynesian voyagers along with their family traditions, distinct customs, and cultural practices.

**Course Title: Hawaiian Studies 104 - Hawai'i Myth Culture**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** A survey course of Hawai'i myth culture. Focus is on the examination of traditional Hawai'i myths and their mythological themes.

**Course Title: Hawaiian Studies 100 - Piko Hawai'i**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** This introductory course provides the learner with a first-hand opportunity to develop a relationship with the sacred geography of Hawai'i Island. To develop an environmental kinship with the places and people of Hawaii Island embeds the idea of belonging to the landscape. This concept is central to Hawai'i Life Styles.

**Course Title: Hawaiian Studies 105 - Hawai'i Plants Culture**

**Length of Course/Credits: 1 Semester/1 credit/3 college credits**

**Required Prerequisite:** None

**Course Description:** An introductory course to the study of Hawai'i plants, and their functions and uses within a Hawai'i cultural context. Learners are expected to participate in multi-sensory learning.

## **Mathematics**

**Course Title: Modeling Our World 1A/B**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Recommendation from middle school math teacher**

**Course Description:**1A: The course focuses upon the use of modeling to represent mathematical and real-world contexts. The application and creation of mathematical models engages students in learning

experiences that relates classroom mathematics to everyday life and decision-making. The content of the course focuses upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear and exponential functions. 1B: The focus on modeling engages students in learning experiences that relates classroom mathematics to everyday life and decision-making. The content of the course focuses upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear and exponential functions, as well as geometry and statistics topics that require the use of mathematical modeling.

**Course Title: Algebra I**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: None**

**Course Description:** Topics include the real number system, first-degree equations and inequalities in one and two variables, polynomial operations, linear graphing, quadratic formula and others. Note: Students are required to take the ADP end-of-course assessment.

**Course Title: Geometry**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Alg I**

**Course Description:** Designed to maximize logical reasoning skills and spatial relationships through deductive proofs and projects. Extensive use of geometrical shapes, properties, constructions and visualization is stressed as well as algebraic derivations.

**Course Title: Modeling Our World 2A/B Bridge**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: C or lower in Geometry; intent to take Algebra II**

**Course Description:** The course is intended to be taken prior to Algebra II, to provide supplemental learning opportunities for students needing additional support to be successful in Algebra II. The course focuses upon the use of modeling to represent mathematical and real-world contexts. The application and creation of mathematical models engages students in learning experiences that relates classroom mathematics to everyday life and decision-making. The content of the course focuses upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear, exponential, quadratic and rational functions.

**Course Title: Modeling Our World 2A/B Financial Algebra**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: C or lower in Geometry; terminal course**

**Course Description:** The course focuses upon the use of modeling to represent mathematical and real-world contexts. The application and creation of mathematical models engages students in learning experiences that relates classroom mathematics to everyday life and decision-making. The content of the course focuses upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear, exponential, quadratic and rational functions.

**Course Title: Algebra 2**

**Length of Course/Credits: 1 year/1 semester**

**Required Prerequisite: B or higher in Geometry and Algebra I**

**Course Description:** This advanced course extends the algebraic skills and concepts developed in Algebra by

providing exposure to numerous techniques in real number as well as complex number systems. Functions, their inverses and various polynomial formats are studied and graphed extensively. A graphing calculator is strongly recommended. Note: Students are required to take the ADP end-of-course assessment.

**Course Title: Math Workshop 10**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Credit in Geometry**

**Course Description:** This course is mandatory for any student enrolled in Algebra 2. Students are required to take both semesters.

**Course Title: Intro to College Math**

**Length of Course/Credits: 1 year/ 1 credit**

**Required Prerequisite: C or lower in Algebra II, Teacher Recommendation**

**Course Description:** This course prepares students for any non-STEM college level math. Introduction to College Mathematics will focus upon topics from the Algebra, Functions, Geometry and Statistics domains of the Common Core State Standards with an emphasis on mathematical modeling and quantitative reasoning. Students will extend their understanding of high school mathematics concepts and apply that understanding in real-world problem solving situations and in purely mathematical contexts.

**Course Title: Trigonometry**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: B in Geometry and Algebra 2; Passing score on Algebra II EOC or Teacher Approval**

**Course Description:** This course provides intensive study of trigonometric functions, their inverses, identities along with applications, vectors trigonometric and polar forms of complex numbers and DeMoivre's Theorem. Emphasis is on graphing and visual concepts. Graphing calculator is required. Prerequisite: Algebra 2  
Prerequisite: B in Geometry and Algebra 2 and consent of instructor

**Course Title: Pre-Calculus**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: B or better in Trigonometry**

**Course Description:** The course reviews polynomial, rational, exponential and logarithmic functions and solutions in graphical and algebraic form. Linear modeling, regression modeling and the Binomial Theorem are covered with an introduction to limits for calculus. Use of graphing calculator is extensive.

**Course Title: Math Workshop 11**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Credit in Algebra 2**

**Course Description:** This course is mandatory for any student enrolled in Pre Calculus/Trigonometry. Students are required to take both semesters.

**Course Title: AP Calculus**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: B in Geometry and Trigonometry; Teacher Approval**

**Course Description:** This is only for students with a strong background in all aspects of mathematics,

especially Trigonometry. It explores calculus topics numerically, algebraically and graphically, while preparing for the AP Exam that is administered by the College Board in mid-May (cost is about \$88). Continuity, limits, derivatives and its applications, integration techniques, applications of the definite integral, transcendental functions, parametrics and vectors, as well as sequences and series are covered in the first three quarters. The last quarter is devoted to preparation and review for the AP Exam. (Participation is expected for all students and will affect the student's course grade.) Graphing calculator is required. The AP Exam fee is to be paid at the beginning of the course.

**Course Title: AP Statistics**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: B in Algebra 2 and Teacher Recommendation**

**Course Description:** For project oriented students seeking a college level introductory statistics course. The major areas covered are: exploratory analysis, planning a study, probability and statistical inference. Graphical displays, uni- and bi-variate data, tests of significance, sampling design, probability distributions including normal, geometric and binomial are covered in the first three quarters before review and preparation for the AP Exam. (Participation is expected for all students and will affect the student's course grade.) Graphing calculator is required. AP Exam fee is to be paid at the beginning of the course.

**Course Title: AP Computer Science Principles**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Algebra 1, Teacher Recommendation**

**Course Description:** This course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication and collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world.

## **Physical Education & Health**

**Course Title: Health Today & Tomorrow**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** This standards-based course is required of all students in grades 9 or 10. Students in this required course develop and practice skills that will promote healthy behavior choices. Content risk areas can include, but are not limited to: Injury and Violence Prevention, Tobacco Use Prevention, Alcohol and Other Drug Use Prevention, Sexual Health, Nutrition, Physical Activity, Mental Health, Personal and Consumer health, and Community and Environmental Health. Emphasis will be placed on the application of standards-based health knowledge and skills in making healthy personal choices, and in advocating for the health of others.

**Course Title: Physical Education Lifetime Fitness**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** This standards-based course is designed to develop and strengthen physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences, including target, net, field, invasion, and aquatic sports and games. Sports could include outdoor experiential and adventure games, archery, table tennis, tennis, basketball, volleyball, soccer, softball, team handball, flag football, swimming, wrestling, and weight training. Emphasis is placed on the acquisition of skills, understanding of rules and strategy, ability to work together, and the application of knowledge into the game situation. Students assess personal levels of physical fitness and physical activity and apply scientific principles to improving and or maintaining a healthy lifestyle.

**Course Title: Physical Education Activities**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** By successfully completing this course, students will meet benchmarks for the Physical Education Hawaii Content and Performance Standards III. This course develops and strengthens physical movement forms, concepts, principles, and skills through participation in a variety of physical fitness experiences, including target, net, field, invasion, and aquatic sports and games. Students will assess personal levels of physical fitness that reinforce these physical activities in their daily lives. Students should develop and apply a variety of locomotor and non-locomotor movement skills throughout the course to a range of modified games and lead-up activities. The content of this course should empower learners to actualize a vision of themselves as competent movers with the skills, knowledge, and desire to become life-long participants in physical activities. Instruction should reintroduce sport activities which could include, but are not limited to: outdoor adventure games, archery, table tennis, tennis, basketball, volleyball, soccer, softball, team handball, flag football, swimming, water polo, ultimate Frisbee, golf, wrestling, and weight and resistance training. Key features of this course: a revisit and application of the students' four year personal fitness plan, acquisition and application of skills, understanding of rules and strategies, importance of fair play, and the transfer of skills into lifetime activity situations.

**Course Title: Army JROTC PE**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** By successfully completing this course, cadets will meet benchmarks for the Physical Education Hawaii Content and Performance Standards III. Cadets will assess personal levels of physical fitness and physical activity to revisit and apply the cadets' four year personal fitness plan to reinforce physical activity in their daily lives. This standards-based course is designed for cadets to strengthen physical movement forms, concepts, principles, and skills through participation in JROTC Physical Fitness Training, Cadet Challenge, Drill & Ceremony, and Adventure Training. Cadets will apply a variety of locomotor skills, movement concepts, manipulative skills, techniques and strategies along with proper etiquette to develop specialized JROTC-specific skills relative to these activities. Successful completion of this course satisfies the .5 Physical Education basic elective graduation credit requirement. This course must be taken in conjunction with the ARMY JROTC 2A semester course to meet the ARMY JROTC second year requirement.

**Course Title: Weight/Resistance Training 1A**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Grade 10-12**

**Course Description:** The general concept of being "physically fit" and a series of activities designed sequentially and progressively are part of this course which helps students develop an individual weight training routine. Topics related to safety and etiquette will include, but are not limited to: breathing, proper footwear, posture, technique, spotting, proper use of equipment, proper procedures, etc. The key feature of this course is to introduce safety and etiquette relative to weight and resistance training, define muscular strength and endurance, develop a training program, and provide modified weight and resistance training activities.

**Course Title: Weight/Resistance Training 1B**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Weight Training 1A**

**Course Description:** Key feature of this course is to introduce and or reintroduce students to a variety of training principles and methods, apply methods and principles of weight and resistance training to develop or update and implement a training program, and provide basic muscular skeletal information.

Prerequisite: Weight and Resistance Training 1 A

**Course Title: Weight/Resistance training 2A**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Grade 10-12**

**Course Description:** It is strongly recommended that a student complete PWP1220 – Weight and Resistance Training 1B as a prerequisite for taking this course. This course is designed to introduce and/or reintroduce students to heart rate and body composition. Students will apply training methods that work on improving heart rate and increasing lean body mass. Initial individualized assessments should be done to measure body composition and monitor heart rate levels. Students should update or develop a training program with goals to monitor heart rate in an attempt to lower resting heart rate (RHR), increase VO2 Max, and train within their target heart rate (THR) zone in addition to improving overall body composition. A variety of weight and resistance training exercises can be used, which include, but are not limited to: plyometrics, free weights, universal apparatus, own body weight (as resistance), resistance bands and/or tubing, pulleys, medicine balls, weighted ropes, etc. Exercises should train muscles of the head and neck, trunk, lower and upper extremities, and a combination of these muscle groups. Periodically throughout this course, students should assess their heart rate levels and body composition and modify their training program as needed to reinforce their personal goals. Appropriate technology should be used if available. Key features of this course: introduce heart rate and body composition, apply training methods that will lower RHR, increase VO2 Max, train in their THR and improve body composition, and periodically assess and make adjustments to personal weight and resistance training programs

**Course Title: Weight/Resistance Training 2B**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Grade 10-12**

**Course Description:** It is strongly recommended that a student complete PWP 1230 – Weight and Resistance Training 2A as a prerequisite for taking this course. This course is designed to introduce circuit training into the weight and resistance program and students will apply it to their training in order to increase effectiveness of their workouts. After completing an initial assessment of muscular strength and endurance, flexibility, and body composition (pull-ups, modified push-ups, vertical hang, sit-and-reach, modified crunches, body fat percentage, etc.), instruction will emphasize the use of circuit training, which reinforces both aerobic and anaerobic exercises, to develop or update individualized weight and resistance training programs. Students should perform

activities that combine a high energy aerobic workout with weight and resistance exercises. Periodically throughout this course, students should assess their heart rate levels and body composition and modify their training program as needed to reinforce their personal goals. Appropriate technology should be used if available. Key features of this course: introduce circuit training and apply it to a personal weight and resistance training program; reinforce both aerobic and anaerobic exercises, and assess and re-assess and make adjustments to personal weight and resistance training programs.

**Course Title: Team Sports 1**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Grade 10-12**

**Course Description:** This course is designed to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of team sports. Team Sports 1 should reintroduce a variety of lead-up activities and modified games that require students to apply locomotor and nonlocomotor movement skills (jumping, turning, twisting, leaping, etc.), movement concepts (chasing, fleeing, dodging, etc.), and manipulative skills (dribbling, kicking, punting, throwing, catching, volleying, and striking) in complex changing situations. Team sports could include, but are not limited to: adventure games, basketball, volleyball, soccer, softball, team handball, water polo and flag football. Students will learn positions represented in the different sports and basic rules and etiquette and strategies needed to participate competently in each sport. Students should follow certain precautions that need to be taken when participating in team sports to ensure the safety of themselves and others. Instruction should reinforce fundamental movement skills and the importance of working as a team to accomplish collective goals and desired outcomes. Key features of this course: introduce a variety of team sports, reinforce fundamental skills and sportspersonship and develop an appreciation of team sports.

**Course Title: Team Sports 2**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Team Sports**

**Course Description:** It is strongly recommended that a student complete PTP 1640 – Team Sports 1 as a prerequisite for taking this course. This course is designed to strengthen physical movement forms, concepts, principles, and skills through participation in a variety of team invasion sports. Team Sports 2 should reintroduce a variety of fundamental locomotor and non-locomotor skills, movement concepts, and manipulative skills relative to invasion sport activities. Students should apply these fundamental skills and concepts to a variety of modified games and lead-up activities. Invasion sport activities can include, but are not limited to: soccer, rugby, flag football, floor hockey, ultimate Frisbee, team handball, and basketball. Students will develop and apply knowledge of basic offensive and defensive strategies of invasion games and an awareness of team position roles and responsibilities. Instruction in invasion sport activities will emphasize sportspersonship and reinforce fair play as a means to successful participation. As a result of this course, students will improve fundamental skills and develop further understanding of related concepts. Key features of this course: reinforce fundamental movement skills and concepts through team invasion sports, emphasize sportspersonship and fair play and develop an appreciation for team sports.

**Course Title: Hawaiian Dance Lifetime Activities**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: None**

**Course Description:** This is an introductory course to hula, the Hawaiian dance. Students will conduct research on the history of hula and making of hula implements. Students will also learn the basic foot movements associated with hula, learn hula dances and create their own hula dances. This beginning course is designed to provide students with opportunities to learn the historical, cultural, and expressive significance of the hula. The

course will cover the basic steps and hand gestures, body stance, and positioning of hula ‘auana and hula kahiko routines. Instruments will be introduced at appropriate levels.

## **Biological Science**

**Course Title: Biology 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Physical Science**

**Course Description:** Biology 1 is a laboratory course to develop understanding of fundamental life processes, relationships between structure and function, relationships between organisms and their biological and physical environments, environmental adaptations, classification, reproduction, genetics, and evolution. Emphasis is on the use of scientific investigations to develop inquiry process skills and strategies and to clarify the basic concepts of life and the impact of humans and technology on the quality of life. Students are to meet all benchmarks in Biological Science (B.S.) Content Standards 1-5.

**Course Title: Biology 1 (Honors)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** This course will emphasize higher order thinking skills using online activities, laboratory investigations, independent research, collaborative learning projects, problem solving activities, and bioethical discussions. The honors biology student is expected to demonstrate his or her learning through the synthesis, application, and evaluation of the fundamental principles of biology. The course requirements are rigorous; therefore, students are expected to process the learning beyond simple rote memorization.

**Course Title: Environmental Science**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This is a problem or issues-based course where students investigate environmental issues (e.g. watershed, forestry, global warming, introduction of new species to an environment, etc.) and problems of our technological society. Students analyze environmental issues, identify and evaluate alternate solutions, and take appropriate actions to help maintain or improve the quality of our sustainable environment. Emphasis is on the use of laboratory and fieldwork to study the local and global environment. Students are to meet all benchmarks in Biological Science (B.S.) Standards 1-5, and all relevant Earth Space (E.S.) Science Standards 1, 2, and 8.

Standards 1-5, and all relevant Earth Space (E.S.) Science Standards 1, 2, and 8.

*This class has been adapted to meet the needs of students with disabilities.*

**Course Title: Marine Science**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Biology**

**Course Description:** Marine Science offers students opportunities to expand their understanding of the physical and biological sciences through interactions and experience with the ocean and its inhabitants. Students will learn about processes that influence the hydrosphere, as well as the influence of the hydrosphere on the

environment

**Course Title: Human Physiology**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Biology**

**Course Description:** Human Physiology is considered a second year biology laboratory course with an in-depth focus and study of the anatomy and functions of the human organism and its parts. Students are provided with extended opportunities to study issues, topics, and themes relevant to human physiology. Emphasis is on using scientific inquiry and analysis of the relationships between science, technology, and society to cover concepts of systems such as blood, circulation, respiration, nutrition, digestion, metabolism, muscular system, nervous system, and reproduction are studied in terms of interaction of the functions and their contribution to the maintenance of a proper condition of the body's internal environment.

### Physical Science

**Course Title: Physical Science**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** Students taking this course will learn how the physical world works. Topics include measurement, motion, waves, energy, heat, light and chemistry. Time will be divided between discussions/group work, laboratories and practical projects. Students will practice problem-solving such as used in chemistry and physics.

**Course Title: Physical Science (Honors)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** This course will emphasize higher order thinking skills using online activities, laboratory investigations, independent research, collaborative learning projects, problem solving activities, and bioethical discussions. The honors student is expected to demonstrate his or her learning through the synthesis, application, and evaluation of the fundamental principles of biology. The course requirements are rigorous; therefore, students are expected to process the learning beyond simple rote memorization.

**Course Title: Chemistry**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Algebra I, Teacher Approval**

**Course**

**Description:** A laboratory course in which students will have a chance to perform experiments, make observations and develop their skills in drawing conclusions from their data. Chemistry is the study of the nature of materials, how they are composed and why they behave the way they do. Concepts concerned with atomic theory, chemical bonding, the gas laws, acid-base reaction, redox reactions, etc. will be discussed. This is a recommended course for college bound students.

**Course Title: Chemistry Honors**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Algebra I, Teacher Approval**

**Course Description:** A laboratory course in which students will have a chance to perform experiments, make

observations and develop their skills in drawing conclusions from their data. Chemistry is the study of the nature of materials, how they are composed and why they behave the way they do. Concepts concerned with atomic theory, chemical bonding, the gas laws, acid-base reaction, redox reactions, etc. will be discussed. This is a recommended course for college bound students.

## **Advanced Placement Science**

**Course Title: AP Biology**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Biology 1, Teacher Approval**

**Course Description:** AP biology is comparable to a first year college-level course that emphasizes developing an understanding of concepts and science as a process, recognizing unifying themes that integrate and apply critical thinking to environmental and social concerns, and using extensive laboratory experience to clarify underlying principles of biology. This rigorous course helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. The laboratory work done by AP students is equivalent to work completed by college students and is an integral part of the course for deep understanding of concepts in unity and diversity among organisms, connections between form and function, genetics and evolutionary change, energy and matter essential for life, biochemistry, microbiology, and ecological interactions.

**Course Title: AP Physics 1 Algebra based**

**Length of Course/Credits: 1 year/1 credit**

**Course Description:** This course is an equivalent of the general physics course usually taken during the first college year. The laboratory experience is equivalent to that of a typical college-level course in physics. The course helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. Emphasis for AP Physics “B” is on problem solving ability, including algebra and trigonometry; calculus is seldom used. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

**Course Title: AP Environmental Science**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Biology 1, Teacher Approval**

**Course Description:** AP Environmental Science is designed to be the equivalent of a one-semester, introductory college course in environmental science, stressing scientific principles and analysis through inquiry and laboratory experiences. The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze both natural and human-induced environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary: it embraces a wide variety of topics from different areas of study. This course helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. The examination is representative of a college-level course and measures skills and knowledge

typically learned in the field of environmental science. Students are to meet all relevant benchmarks in Biological Science (B.S.) Standards 1-5 and Earth Space (E.S.) Science Content Standards 1, 2, and 8.

**Course Title: AP Chemistry**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Credit in Chemistry, Teacher Approval**

**Course Description:** This course is an equivalent of the general chemistry course usually taken during the first college year and helps to prepare students for the Advanced Placement Examination, which is three hours in length and is administered in May. The laboratory experience is equivalent to that of a typical college-level course in chemistry. Emphasis is on mathematical formulation of principles and laboratory activities based on experimental problems and independent study. Concepts and principles studied in depth include atomic theory and structure, chemical bonding, nuclear chemistry, gases, liquids and solids, solutions, stoichiometry, reaction types, equilibrium, kinetics, thermodynamic relations, and chemical calculations. Students are to meet all benchmarks in Physical Science (P.S.) Content Standards 1, 2, and 6.

## **Social Studies**

**Course Title: World History & Culture**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: none**

**Course Description:** This course studies the history of the world from the very beginning of man to the present while integrating the past, the present, and the future together using inquiry-oriented skills of decision-making and problem-solving. This is a broad look at history, events and peoples. Students will be instructed so that they will attain the following goals: a) meet the benchmark objectives of the HCPS III; b) establish effective research skills; c) develop a sense of chronology; and d) learn and use map skills. These major topics will be covered: the rise of civilizations, World Religions, the Middle Ages, Renaissance, Reformation, Revolutions, Explorations, Imperialism, World Wars, and the world today.

**This is a required course for grade 9 students.**

**Course Title: World History & Culture (Honors)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Middle School Teacher's Recommendation**

**Course Description:** This course studies the history of the world from the very beginning of man to the present while integrating the past, the present, and the future together using inquiry-oriented skills of decision-making and problem-solving. This is a broad look at history, events and peoples. Students will be instructed so that they will attain the following goals: a) meet the benchmark objectives of the HCPS III; b) establish effective research skills; c) develop a sense of chronology; and d) learn and use map skills. These major topics will be covered: the rise of civilizations, World Religions, the Middle Ages, Renaissance, Reformation, Revolutions, Explorations, Imperialism, World Wars, and the world today.

**Course Title: US History & Government**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Grade 10**

**Course Description:** This course is a study of how the United States grew as a nation. It is divided into two areas: one unit deals with the U.S. government, focusing on the origins, structures and functions (what they are and how they work) of the American political system. The major part of the course deals with U.S. history, focusing on how the people and events made America what it is today. Course expectations: this class will help strengthen skills in reading, writing, citizenship and critical thinking. Required work includes unit and chapter homework, class work, research papers and tests.

**Course Title: US History & Government (Honors)**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Recommendation**

**Course Description:** This course is a study of how the United States grew as a nation. It is divided into two areas: one unit deals with the U.S. government, focusing on the origins, structures and functions (what they are and how they work) of the American political system. The major part of the course deals with U.S. history, focusing on how the people and events made America what it is today. Course expectations: this class will help strengthen skills in reading, writing, citizenship and critical thinking. Required work includes unit and chapter homework, class work, research papers and tests.

**Course Title: Modern History of Hawaii**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Modern History of Hawaii is a one semester course required for a Hawaii diploma. It is a study of the historical development of Hawaii focusing on the period from the Overthrow of the Monarchy (1893) to the present. Political, social and economic development and changes are examined as they influenced the growth of Hawaii. Some of the topics studied are diverse ethnic groups, land tenure, unique geographic features, WWII, Statehood, and industries of modern Hawaii (tourism, defense, diversified ag., etc.) ***This is the required course for grade 11 students.***

**Course Title: Participation in Democracy**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Grade 11**

**Course Description:** This is an entry-level course that examines democratic processes and historical events and ideas that have influenced American constitutional democracy. Special emphasis will be placed on increasing student awareness of politics, political parties, law and the legal system. Students will be able to understand roles, rights, and responsibilities of American citizens and exercise them in civic action. ***This is the required course for grade 11 students.***

**Course Title: American Problems**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Students are responsible for questioning the American way of life. How is it changing? Where is the United States heading? This class will spend time dealing with current issues, using the media as a main information source. Short papers, projects and short tests will be required.

**Course Title: Asian Studies**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Asian Studies emphasizes development of global perspectives. Attention is focused on the historic, philosophical, social, and political bases of selected Asian countries and the major forces affecting/shaping cultural change and continuity in their traditions, values, institutions, and lifestyles. Cultural diversity is studied through cross-cultural study of the history, geography, politics, literature, arts, and social customs of Asian societies.

**Course Title: Geography**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** This is a one semester class, which can be taken as an elective. The course will utilize Glencoe's World Geography and various map assignments presented by the instructor. Students will learn about the physical features and cultures of various sections of the world, including specific landforms, continents, ocean currents, wind patterns, the water cycle, human migration and the influence of climate, landforms and transportation upon development of civilizations.

**Course Title: Psychology**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Who am I? What do I want to achieve in life? Answering these questions is the primary focus of this course, as it deals extensively with man's eight stages of life. Find out how we learn and how our biological make-up affects our behavior. Discover yourself, your personality and find out more about others. Is it true that one person in ten suffers from some form of mental illness? The answer to this question and many others regarding human behavior is the fascinating study of psychology. This course is fast-paced, with weekly quizzes and discussions. This course is geared toward the college preparatory student. Projects in which students are asked to prove or disprove a theory about human behavior are required of all students in this self-discovery course.

**Course Title: Sociology**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Sociology is the study of human relationships. It is a meaningful course that deals with the society in which students live. Sociological concepts such as groups, interaction, socializing and social institutions are studied. Students are encouraged through discussions and projects to better their social and cultural lives and look forward to a more meaningful and happier society. This course introduces students to sociological research methods and teaches them to apply them to their lives. This course is geared toward the college preparatory student. Quarter projects (dealing with the implementation of sociological concepts, "doing sociology" is required)

**Course Title: Economics**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: none**

**Course Description:** Economics is the study of how land, labor, and capital are turned into the goods and services we use every day. Completion of the course will assist students to understand the complexities of the global marketplace and to make sound economic decisions. Students will utilize a stock market simulation to analyze economics changes and the impact they have on local, national, and international economies. Weekly written assessments of current events and case studies are required.

**Course Title: AP US History**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** This course is equivalent to an introductory course in college. It involves a critical analysis of historical events in an effort to discover how those events affected the economic, social, political, religious and legal development of the U.S. The list of required reading for this course includes a college level textbook, a two-volume set of primary source readings and various books written by noted historians. Students are required to complete weekly essays, take tests after each chapter or unit, write research papers or projects and participate in regular seminar discussions. This course is directed to college bound students.

**Course Title: AP US Government & Politics**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Teacher Approval**

**Course Description:** AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. AP United States Government and Politics Course Content introduces students to study general concepts used to interpret U.S. government and politics and analyze specific topics, including: Constitutional Underpinnings; Political Beliefs and Behaviors; Political Parties, Interest Groups, and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties.

### **Special Education Program**

The Special Education program is designed to develop a student's behavioral study and academic skills. The Individual Education Program meets the needs of special education students. The objectives of classroom instruction are similar to the regular classroom, except that adaptations are made to allow the student to acquire necessary skills through added practice and compensatory means.

**Course Title: Vocational Rehabilitation Work Study 1**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Referred by SPED Staff**

**Course Description:** This initial course provides students age 16 and up with general job experiences and instruction in a variety of vocations. Emphasis is on the exposure to the world of work and the development of

basic work habits and attitudes.

Restricted to students who have been referred and accepted to Voc.

Rehab/DHS via special education staff.

**Course Title: Vocational Rehabilitation Work Study 2**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Referred by SPED Staff**

**Course Description:** This course provides students age 16 and up, with general job experiences and instruction that emphasizes the development of work skills such as the use of basic machines and equipment, following instruction and accepting feedback from supervisors, adhering to specific health and safety procedures, getting along with others, etc.

Restricted to students who have been referred and accepted to Voc. Rehab/DHS and have taken Voc. Rehab 1.

**Course Title: Vocational Rehabilitation Work Study 3**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Referred by SPED Staff**

**Course Description:** This course provides students with work experiences that reflect their specific strengths and interests. Emphasis is on the development of work skills and habits that are linked to potential employment, including supported employment opportunities.

Restricted to students who have been referred and accepted to the Voc Rehab/DHS program.

Non-Credited courses modified to meet the needs of special education students who cannot benefit from the general program.

**Course Title: Workplace Readiness 1**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Referred by SPED Staff**

**Course Description:** This is an introductory course to prepare students for the world of work. Students are actively involved in developing a career plan with relevant course selection, career exploration and preparation that will result in improved achievement and performance. Classroom instruction will include activities that connect classroom to the workplace as career shadowing, mentoring and/or community service programs as coordinated by special education staff.

This course is repeatable.

**Course Title: Workplace Readiness 2**

**Length of Course/Credits: 1 semester/0.5 credit**

**Required Prerequisite: Referred by SPED Staff**

**Course Description:** This course is designed to provide specific skill training that may lead to potential employment as supported by the student's IEP Transition Plan. Classroom instruction supports student internships and on-the-job training experiences. This course is repeatable.

**Course Title: Communication Skills**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: IEP Specified**

**Course Description:** Basic language arts courses designed for students in special education taught by a special education teacher in accordance with needs specified in the current IEP. The course provides basic communication skills of reading, writing, speaking, language usage and literature. Emphasis on basic communication skills needed in everyday life.

**Course Title: Community Based Instruction**  
**Length of Course/Credits: 1 semester/0.5 credit**  
**Required Prerequisite:**

**Course Description:** These courses provide students instruction in real environments within the school and in the community to develop mobility, socialization, and awareness of community sites and services utilized in adult life. The instruction integrates the areas of basic skills, vocational opportunities and awareness, appropriate oral communication, and independent living skills development.

**Course Title: Special Practical Arts**  
**Length of Course/Credits: 1 semester/0.5 credit**  
**Required Prerequisite: Educational Disabilities**

**Course Description:** This course is modified and designed to help students acquire knowledge and skills in all phases of family life, providing basic necessities for oneself and family in independent adult living. Course is individualized for students with disabilities and taught by a special education teacher.

**Course Title: Home Living Skills**  
**Length of Course/Credits: 1 semester/0.5 credit**  
**Required Prerequisite: Educational Disabilities**

**Course Description:** This course is modified designed to give students comprehensive family life education and consumer competence. Course is individualized for students with disabilities and taught by a special education teacher. This course is repeatable

## **World Language**

**Course Title: Hawaiian 1**  
**Length of Course/Credits: 1 year/1 credit**  
**Required Prerequisite: none**

**Course Description:** This is a college-prep course for beginning Hawaiian language learners. It emphasizes in basic sentence patterns, an extensive vocabulary, chants/songs and participate in cultural excursions. Students will develop basic listening, speaking, reading, writing, and memorization skills in the Hawaiian language.

**Course Title: Hawaiian 2**  
**Length of Course/Credits: 1 year/1 credit**  
**Required Prerequisite: Hawaiian 1**

**Course Description:** This is a continuation of Hawaiian Language 1. The students will learn more complex sentence patterns. More focus will be placed on grammar, vocabulary, speaking and oral interpretation. Cultural information, songs, chants and field trips to experience culture. Prerequisite: Hawaiian 1 A/B with C or better

**Course Title: Hawaiian 3**  
**Length of Course/Credits: 1 year/1 credit**  
**Required Prerequisite: Hawaiian 2 A/B with C or better**

**Course Description:** This class continues the work of Hawaiian Language 2. Continuation of grammar and vocabulary with definite focus on oral/aural skills. This is definitely a college-prep class.

**Course Title: Japanese 1****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: none**

**Course Description:** This is a college-prep course designed to present the fundamentals of the language. It involves basic grammar, vocabulary, basic conversation and the writing system (Hiragana and Katakana). Cultural awareness and appreciation through videos and demonstrations.

**Course Title: Japanese 2****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Japanese 1 A/B with C or better**

**Course Description:** This course is a continuation of Japanese 1, emphasizing grammar, vocabulary and oral/aural skills. Cultural activities are integrated into language instruction. Some simple kanji are taught.

**Course Title: Japanese 3****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Japanese 2 A/B with C or better**

**Course Description:** Additional grammar and vocabulary through short stories, current periodicals and various texts. Students are required to have their own Japanese-English, English-Japanese dictionaries.

**Course Title: Japanese 4****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Japanese 3 A/B with C or better**

**Course Description:** This course offers the student the opportunity to develop the proficiencies of the previous levels. Specific grammatical structures and the various speech levels will also be added. Students are required to have their own Japanese-English, English-Japanese dictionaries.

**Course Title: AP Japanese****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: Teacher Approval**

**Course description:** Students who enroll in Advanced Placement (AP) World Language courses should already have a good command of the grammar and vocabulary and have competence in listening, reading, speaking, and writing in the target language. Although these qualifications may be attained in a variety of ways, it is assumed that most students will be in the final stages of their secondary school training and will have had substantial course work in the language. The course emphasizes the use of language for active communication. The course seeks to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines rather than to cover any specific body of subject matter. Extensive training in the organization and writing of compositions is emphasized to develop proficiency in writing well-developed and well-organized expository, persuasive, or narrative pieces.

**Course Title: Spanish 1****Length of Course/Credits: 1 year/1 credit****Required Prerequisite: None**

**Course Description:** This is a college preparatory course in Spanish, which emphasizes pronunciation, vocabulary, essential grammar and how to respond to basic conversational questions. This course is enhanced through cultural activities including films, music and games.

**Course Description: Spanish 2****Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite:** Spanish 1 A/B with C or better

**Course Description:** A continuation of Spanish 1 with an emphasis on vocabulary, grammar and conversation through writing, reading and role-playing. Cultural activities are incorporated into the lessons.

**Course Description: Spanish 3**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Spanish 2 A/B with C or better**

**Course Description:** This course reviews the grammar learned in levels 1 and 2 in addition to introducing new concepts. A grammar workbook can be purchased or borrowed. Emphasis is on application of learned grammar through reading, writing and conversation; culture continues to be taught, with students taking an active part in presentations. Journals are required.

**Course Description: Spanish 4**

**Length of Course/Credits: 1 year/1 credit**

**Required Prerequisite: Spanish 3 A/B with C or better**

**Course Description:** This course is a continuation of Spanish 3, with an emphasis on reading, writing and literature. Previously and newly learned grammatical structures will be incorporated into the above lessons. Journals are required and students must be willing to communicate in Spanish in class.

## Yearbook

### **Course Description: Yearbook 1**

**Length of Course/Credit:** 1 year/1 credit

**Required Prerequisite:** Teacher approval

**Course Description:** Yearbook students shall be responsible for the production of a school yearbook. Responsibilities include preparation, collection and coordination of all information and photography necessary for production. Students will have the opportunity to plan, produce, market and distribute the yearbook, school Ids, photo packages and other activities. Being on the yearbook staff will also be a great chance for fun fellowship.

### **Course Description: Yearbook 2**

**Length of Course/Credit:** 1 year/1 credit

**Required Prerequisite:** Teacher approval

**Course Description:** Yearbook students shall be responsible for the production of a school yearbook. Responsibilities include preparation, collection and coordination of all information and photography necessary for production. Students will have the opportunity to plan, produce, market and distribute the yearbook, school Ids, photo packages and other activities. Being on the yearbook staff will also be a great chance for fun fellowship.

### **Course Description: Yearbook 3**

**Length of Course/Credit:** 1 year/1 credit

**Required Prerequisite:** Teacher approval

**Course Description:** Yearbook students shall be responsible for the production of a school yearbook. Responsibilities include preparation, collection and coordination of all information and photography necessary for production. Students will have the opportunity to plan, produce, market and distribute the yearbook, school Ids, photo packages and other activities. Being on the yearbook staff will also be a great chance for fun fellowship.

### **Course Description: Yearbook 4**

**Length of Course/Credit:** 1 year/1 credit

**Required Prerequisite:** Teacher approval

**Course Description:** Yearbook students shall be responsible for the production of a school yearbook. Responsibilities include preparation, collection and coordination of all information and photography necessary for production. Students will have the opportunity to plan, produce, market and distribute the yearbook, school Ids, photo packages and other activities. Being on the yearbook staff will also be a great chance for fun fellowship.

